COMMERCIALIZING SMALLHOLDER AGRICULTURE IN ETHIOPIA:

Lessons for The Gambia.

Presentation to National Agricultural Research Institute (NARI), The Gambia

By:

Katim S. Touray

Venue: NARI Conference Room, Brikama, WCR, Gambia

Date: August 24, 2019

OUTLINE

- Background
- Development Policies & Plans
- Agricultural Development in Ethiopia
- Commercializing Agriculture in Ethiopia
- Lessons for The Gambia
- Recommendations

ETHIOPIA IN FIGURES

- Physical
  - 1 million km. sq.
  - Diverse elevations and slopes; elevation ranges from -126 m to 4,000 m ASL
  - 18 agro-ecological zones (AEZs) based on temperature and moisture regimes
  - 49 sub-zones based on 7 physiographic regions of the country

ETHIOPIA IN FIGURES

- Social and Economic
  - 100 million people
  - GDP: $81 billion in 2016/2017
  - GDP/capita: $810
  - Poverty: 23.5% in 2016

ETHIOPIA GOVERNMENT

- A federal system of government:
  - A Federal government
  - Ethnically-based Regional States
  - Two Chartered Cities (Addis Ababa & Dire Dawa)
  - Zones
  - *Woredas* (Districts)
  - *Kebeles* ("neighbourhoods")

AGRICULTURE IN ETHIOPIA & THE GAMBIA

	ETHIOPIA	GAMBIA
Contribution to GDP (%)	36.3	20.4
% of work force employed	73	46.4 (81 for rural areas)
Arable Land (Ha)	15.1 million	588,000
Irrigated Land (Ha)	Over 2 milion	3,528
Main Crops	Teff, coffee,	Groundnut

ETHIOPIA DEVELOPMENT POLICIES & PLANS

- Medium-term Development Plans:
  - Plan for Accelerated and Sustained Development to End Poverty (PASDEP) (2005-2010)
  - Growth and Transformation Plan (GTP I) – 2010-2015
  - GTP II - the national development plan being implemented

ETHIOPIA DEVELOPMENT POLICIES & PLANS

- GTP II (2016-2020) – aimed at:
  - maintaining the strong growth (avg. 11%) of the past
  - deepening economic transformation
  - transforming Ethiopia into a lower middle income and carbon neutral country by 2025
- GTP called for establishing 17 IAIPs, and their satellite (RTCs)



Ministry of Agriculture Offices, Addis Ababa



Ministry of Agriculture Offices, Addis Ababa

AGRICULTURAL DEVELOPMENT IN ETHIOPIA

- Agricultural Growth Programs (AGP)
- AGP I (2011-2015 with $350m funding
- AGP II (2016-2019); with $350m funding
  - Increase agricultural productivity and commercialization of smallholder farmers
  - 7 Regional States, and one Charter City
  - 4 Components, including small-scale irrigation and value chains development

FARMER PRODUCTION CLUSTERS (FPC)

- Agricultural Transformation Agency (ATA) established in 2010
- 95% (13 million) of Ethiopia's farmers are smallholder
- Clustering concept based on successes in Asia and Latin America

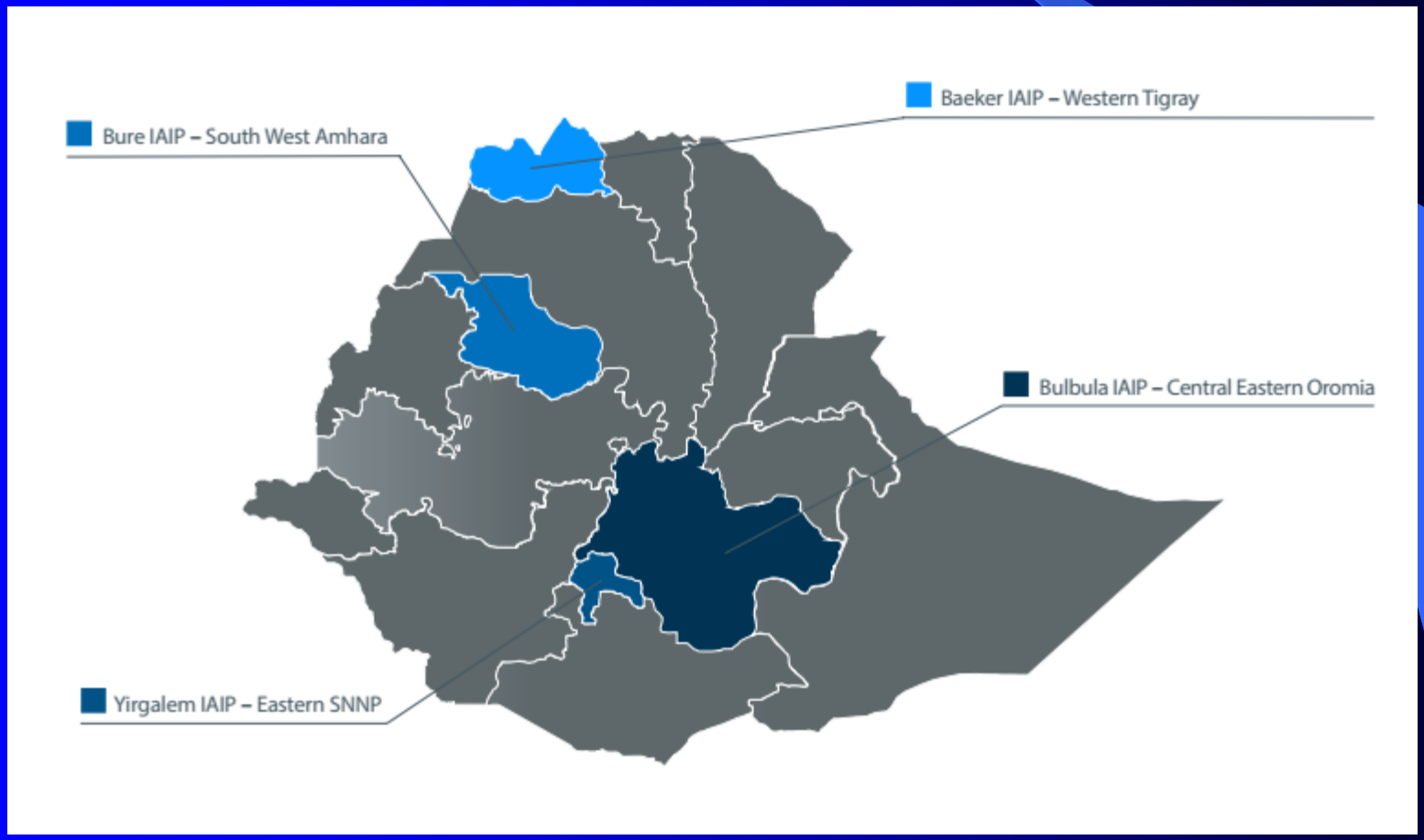


Entrance to ATA Office in Addis Ababa

FARMER PRODUCTION CLUSTERS (FPCs)

- Goals
  1. Increase incomes of smallholder farmers
  2. Improved market access (domestic & int'l)
  3. Increased agro-processing and value addition
  4. Create off-farm employment opportunities
- Reached ~566K farmers in 2018, with anticipated increase in yield and marketable surplus

INTEGRATED AGRO-INDUSTRIAL PARKS (IAIPs)



INTEGRATED AGRO-INDUSTRIAL PARKS (IAIPs)

- Bure, Amhara Region
  - Crops: sorghum & sesame, fruits and vegs., dairy, meat and other animal products
  - Growing area: 398,095 Ha
  - IAIP Area: 154.99 Ha
- Yirgalem, Eastern SNNP
  - Crops: Cereals, coffee, fruits and veg., dairy, meat, and other animal products
  - Growing area: 163,461 Ha
  - IAIP Area: 108.80 Ha



Bure IAIP, Bure, Amhara Region



Yirgalem IAIP, Yirgalem, SNNP Region

COOPERATIVES

- GTP II
  - Increase number of basic coops 59,401 in 2014/15 to 64,401 in 2019/20
  - Number of cooperatives union increased from 314 to 324 by 2019/20
  - Participation of women and youths in cooperatives will reach 50% and 30%



Meki Batu Fruit & Veg. Cooperative, Meki, Oromia Region



Truck load of fertilizers, Bure, Amhara Region

LESSONS FOR THE GAMBIA

- Smallholder Irrigation
- Cooperatives
- Research & Extension Tools & Services
- Agricultural Commercial Clusters
- Resource Mobilization
- Planning & Implementation

LESSONS FOR THE GAMBIA

- *Outcome 3.2: Value chains enhanced for Agriculture and Livestock Transformation*
  - Identify priority value chains (crops & livestock)
  - Strengthen capacity of VC actors
  - Promote agri-business & agro-processing
  - Promote agricultural marketing systems, including cooperatives and commodities exchange
  - Adopt and implement quality assurances framework

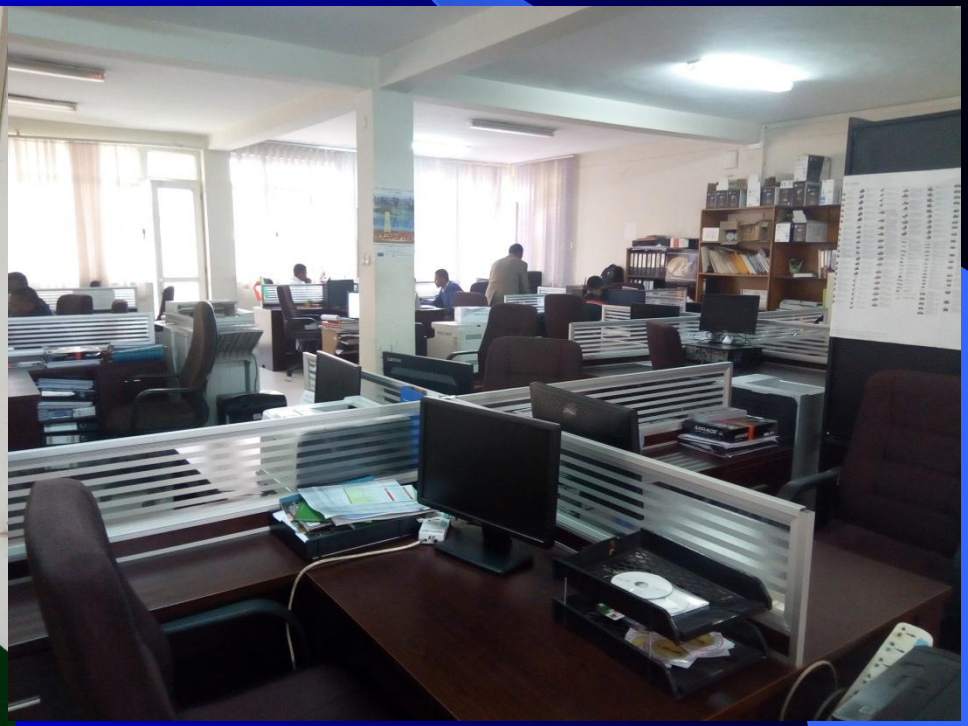
LESSONS FOR THE GAMBIA

- *Outcome 3.3: Increased Production of Basic Agricultural Commodities*
  - Promote SLM for increased production and productivity
  - Enhance livestock production, markets, and infrastructure
  - Adopt appropriate agricultural mech. and irrig.
  - Strengthen agricultural research and extension services support

LESSONS FOR THE GAMBIA

- Change mentality: from silos to open spaces





LESSONS FOR THE GAMBIA

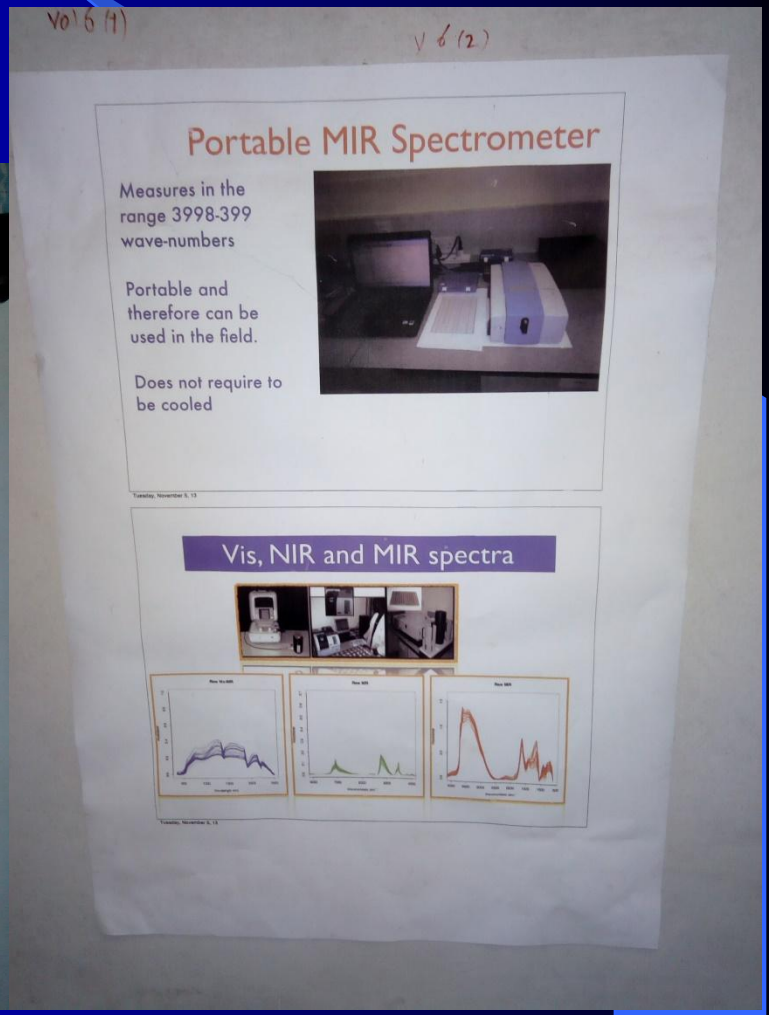
- Re-tool: Soil Chemical Analysis then



LESSONS FOR THE GAMBIA

- Soil chem. Analysis now





LESSONS FOR THE GAMBIA

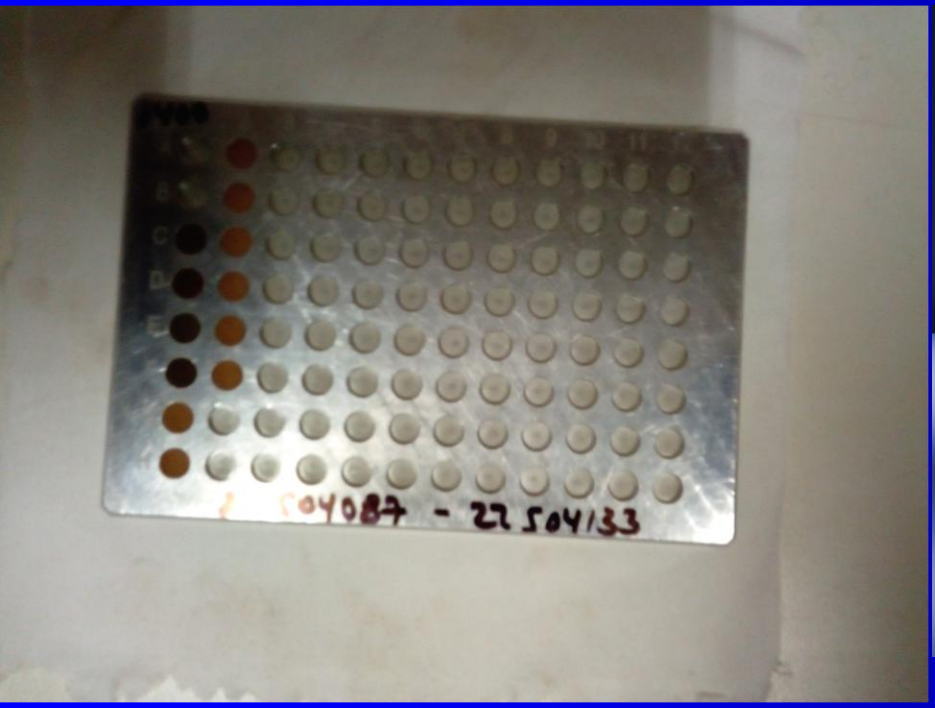
- Soil Particle Size Analysis then

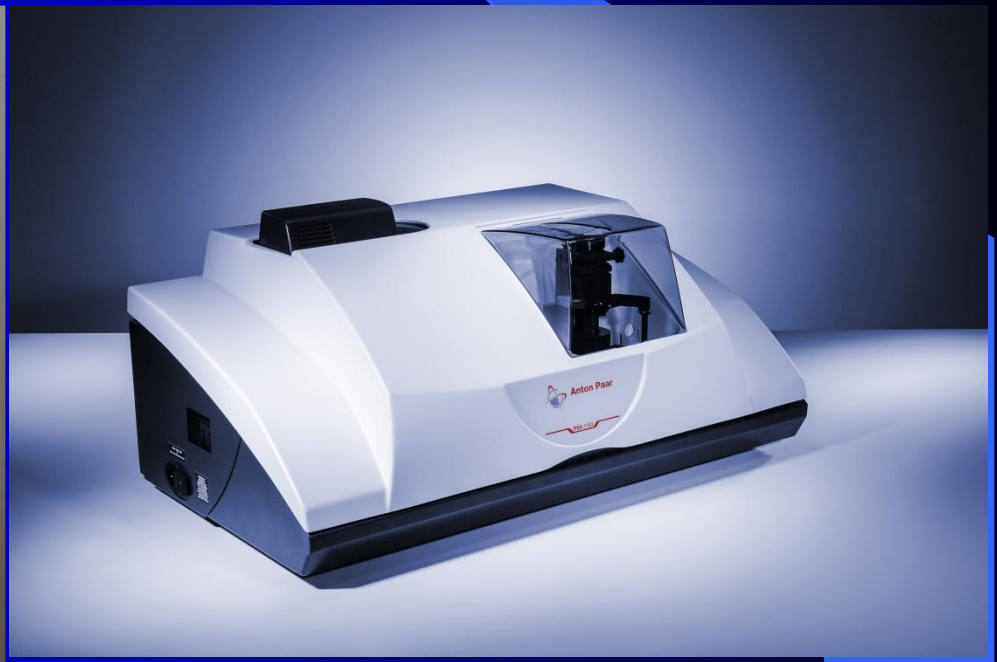




LESSONS FOR THE GAMBIA

- Re-tool: Particle Size Analysis now





LESSONS FOR THE GAMBIA

- Adaptive Research and Development



RECOMMENDATIONS

- Review literature on Ethiopia
- Organize exchange visits for Gambian research and extension workers
- Build capacities (material and human)
- Re-tool
- Re-focus the research agenda
- Share knowledge